

10/508936\*

DT15 PCT/PTO 27 SEP 2004

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q83708

Kanetaka SEKIGUCHI, et al.

Appln. No.: National Stage Entry of PCT/JP03/04611

Confirmation No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: September 27, 2004

Examiner: Not yet assigned

For: LIQUID CRYSTAL DISPLAY DEVICE

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a

INFORMATION DISCLOSURE STATEMENT  
National Stage Entry of PCT/JP03/04611

foreign patent office in a counterpart application citing such documents, together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations: An English language abstract, submitted herewith, constitutes a concise statement of relevance for Japanese Patent Publication no. 5-45645, which corresponds to U.S. 2002/0021391. Also, Japanese Patent Application Laid-Open Publication no. 2001-117072, which corresponds to U.S. 6,529,257 is discussed on page 3 of the specification of the subject application.

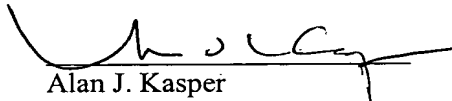
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				Complete if Known <b>10/508936</b> National Stage Entry of Application Number PCT/JP03/04611 Confirmation Number Not yet assigned Filing Date September 27, 2004 First Named Inventor Kanetaka SEKIGUCHI Art Unit Not yet assigned Examiner Name Not yet assigned Attorney Docket Number Q83708	
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 6,529,257	B1	03/04/2003	Akira NAKANO
		US 5,585,949	A	12/17/1996	Shunpei YAMAZAKI, et al.
		US 6,304,305	B1	10/16/2001	Seiichi MATSUMOTO, et al.
		US 6,515,645	B1	02/04/2003	Takakazu YANO, et al.
		US 2002/0021391	A1	02/21/2002	Yuichi YOSHINO
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		JP	5-30834		04/23/1993	Pentel Co., Ltd.	Yes
		JP	2001-183998	A	07/06/2001	Sanyo Electric Co., Ltd.	Abstract
		JP	2001-184000	A	07/06/2001	Sanyo Electric Co., Ltd.	Abstract
		JP	2002-6336	A	01/09/2002	Citizen Watch Co., Ltd.	Abstract
		JP	2002-6787	A	01/11/2002	Citizen Watch Co., Ltd.	Abstract
		JP	5-45645	A	02/26/1993	Sony Corp.	Abstract
		JP	2002-55337	A	02/20/2002		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.

# PRIOR ART INFORMATION LIST

## FOR SUBMITTING IDS

Client's Ref :	CWO1150 110384/2002
Our Ref :	CZ04-007PCT-US

Country, Application/Publication/Patent Number, Author, Title, Name of Document	Issue date (Application Date)	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
* ① Japan No. 2001-117072 A	Apr. 27, 2001	This application is corresponding to US 6,529,257 B1 (Mar. 4, 2003)
② Japan No. 5-30834 U	Apr. 23, 1993	Partial Translation (From Page2 to Page 9) * Cited reference of THE INTERNATIONAL SEARCH REPORT.
③ Japan No. H4-295826 A	Oct. 20, 1992	This application is corresponding to US 5,585,949 (Dec. 17, 1996) * Cited reference of THE INTERNATIONAL SEARCH REPORT
* ④ Japan No. H11-119256 A	Apr. 30, 1999	This application is corresponding to US 6,304,305 B1 (Oct. 16, 2001) * Cited reference of THE INTERNATIONAL SEARCH REPORT.
⑤ Japan No. 2000-10530 A	Jan. 14,2000	This application is corresponding to US 6,515,645 B1 (Feb. 4, 2003) * Cited reference of THE INTERNATIONAL SEARCH REPORT.
* ⑥ Japan No. 2001-183998 A	Jul. 6, 2001	English Abstract * Cited reference of THE INTERNATIONAL SEARCH REPORT.

\* : The prior art document identified in the specification.

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Country, Application/Publication/Patent Number, Author, Title, Name of Document	Issue date (Application Date)	Concise Explanation of the Relevance (indication of page, column, line, figure of the relevant portion)
⑦ Japan No. 2001-184000 A	Jul. 6, 2001	English Abstract * Cited reference of THE INTERNATIONAL SEARCH REPORT.
⑧ Japan No. 2002-006336	Jan. 9, 2002	English Abstract * Cited reference of THE INTERNATIONAL SEARCH REPORT.
⑨ Japan No. 2002-006787	Jan. 11, 2002	English Abstract * Cited reference of THE INTERNATIONAL SEARCH REPORT.
* ⑩ Japan No. HEI 5-045645 A	Feb. 26, 1993	English Abstract
* ⑪ Japan No. 2002-055337 A	Feb. 20, 2002	This application is corresponding to US 2002/0021391 A1 (Feb. 21, 2002)

\* : The prior art document identified in the specification.